

**FILLING AGENT FOR GEL CHROMATOGRAPHY****Publication number:** JP56040758 (A)**Publication date:** 1981-04-17**Inventor(s):** SUZUKI TERUKAZU; NAKAZATO KENICHI; TAKASAKI TETSUSHI**Applicant(s):** SUZUKI TERUKAZU**Classification:**

- international: **C08F20/00; B01D15/08; B01J20/285; C08F20/52; C08F265/08; G01N30/88; C08F20/00; B01D15/08; B01J20/281; C08F265/00; G01N30/00; (IPC1-7): B01D15/08; C08F265/08; G01N31/08**

- European:

**Application number:** JP19790116208 19790912**Priority number(s):** JP19790116208 19790912**Abstract of JP 56040758 (A)**

**PURPOSE:**To increase the diameter of gel hole, increase the solubility and to make it for chromatography, by replacing a part of acrylamide into acrylnitril. **CONSTITUTION:**The chromatography filling agent is constituted with the gel obtained through the polymerization of acrylamide or methacrylamide in aqueous medium under the presence of the cross-linked agent having at least two polymerizable ethylene radicals and the acrylnitril. As the cross-linked agent having at least two polymerizable ethylene radicals, methylenebisacrylamide, methylenebismethacrylamide, polymethylene bisacrylamide, polymethylenebismethacrylamide, hexahydro-1, 3, 5, -triacryl-S-triazine, diacrylamidemethylether, dimethacrylamidedimethylether, diacrylamidemethylethyleneurea, and dimethacrylamidemethylethyleneurea can be listed up.

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